

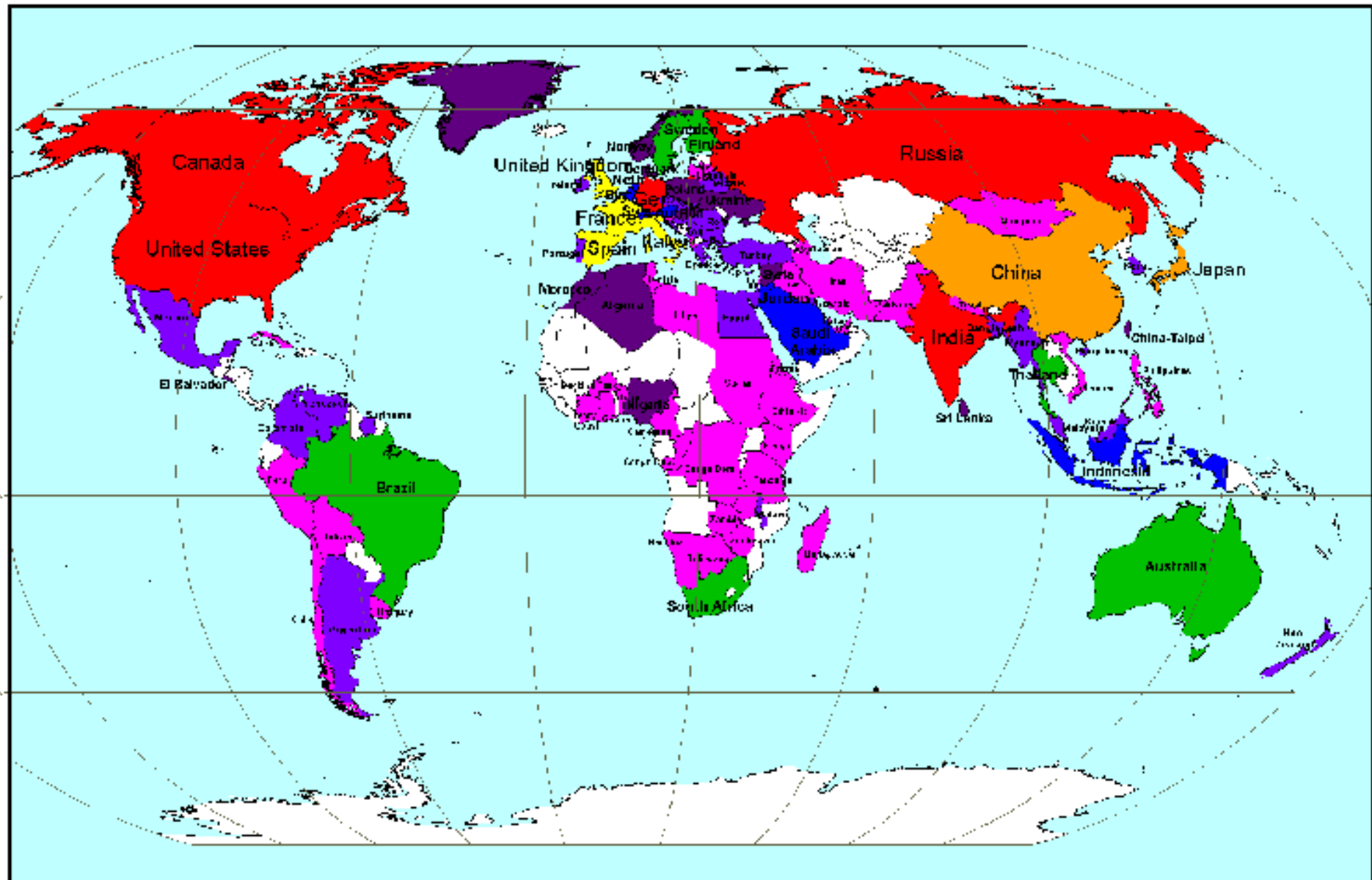


ISPRS

100th year of Serving the Society with Information from Imagery

Orhan ALTAN
President

ISPRS Ordinary Members

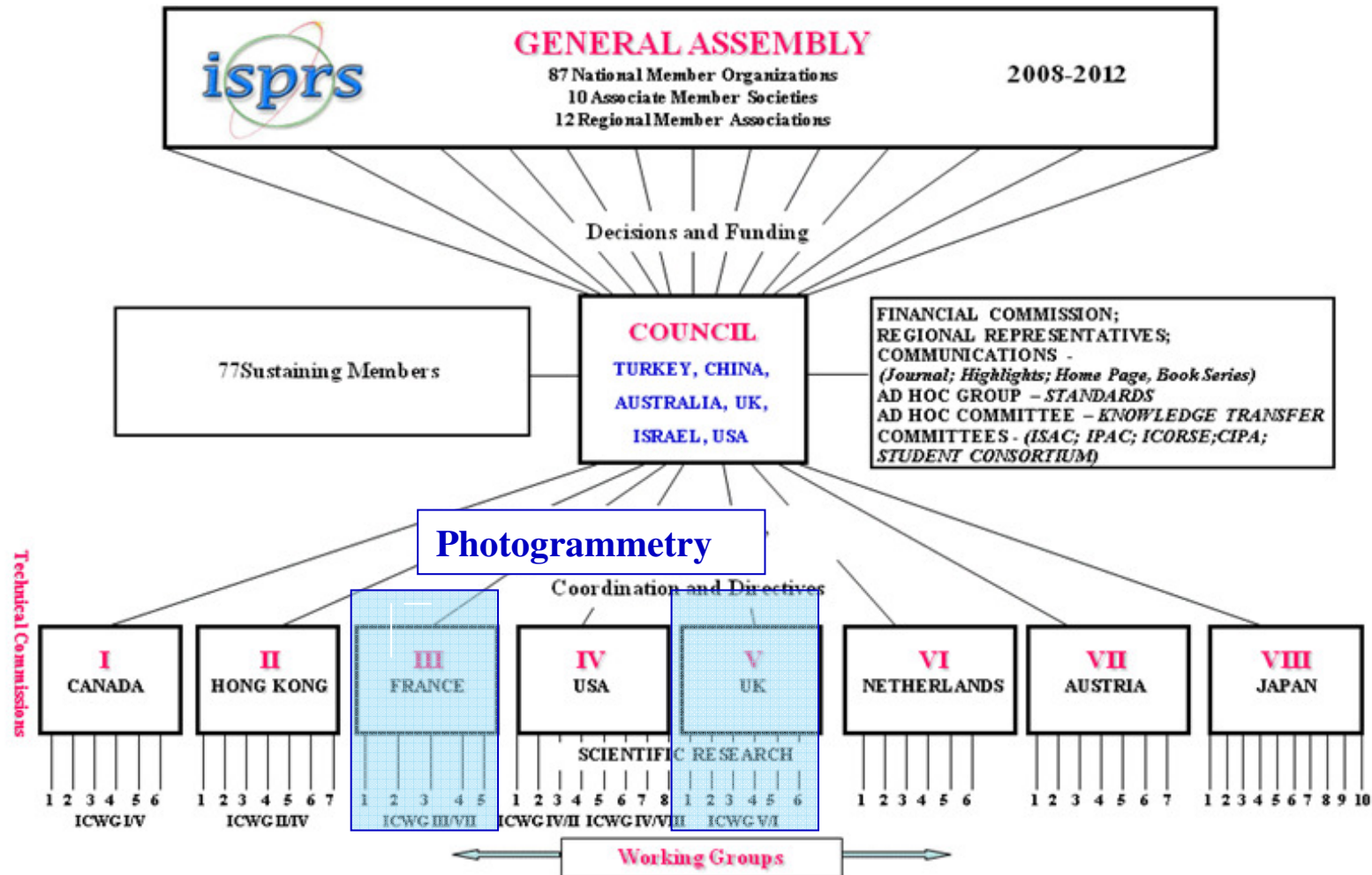


CATEGORY 1 **2** **3** **4** **5** **6** **7** **8**

Produced by: Yoav Steinberg GIS & RS Laboratories, University of Haifa, israel
year 1111/06



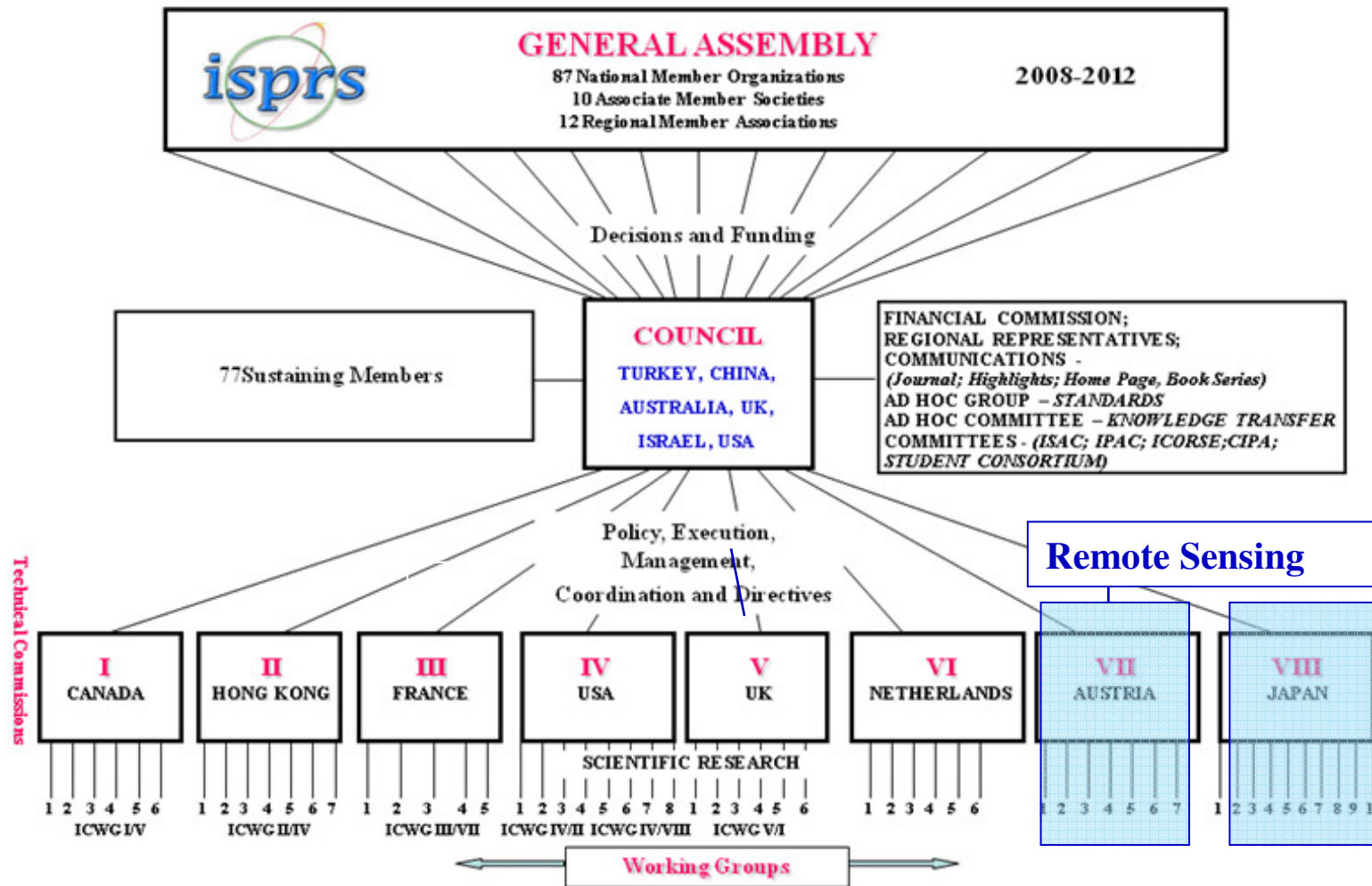
ISPRS Structure



“ISPRS is a Society of National Societies and Organizations”



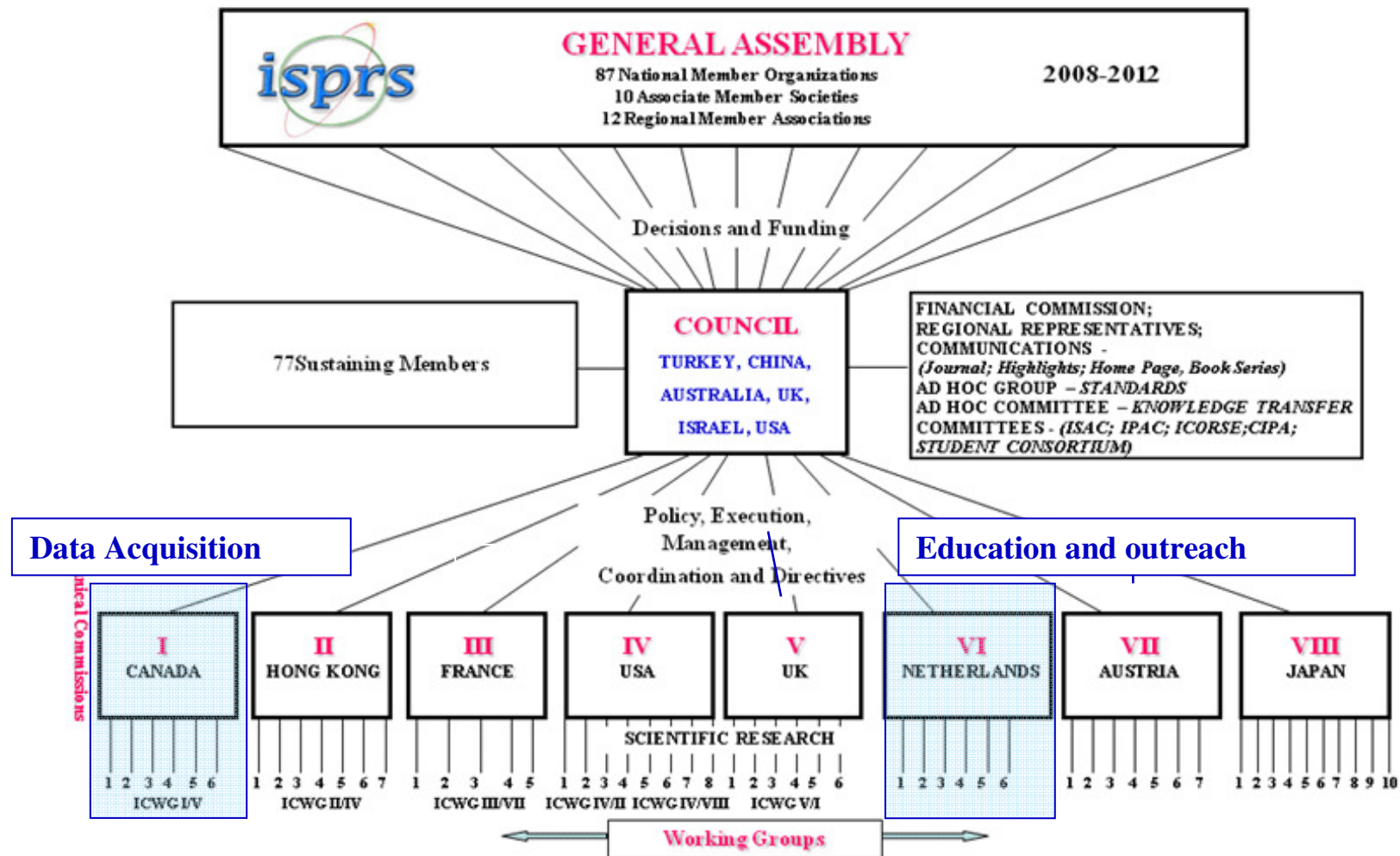
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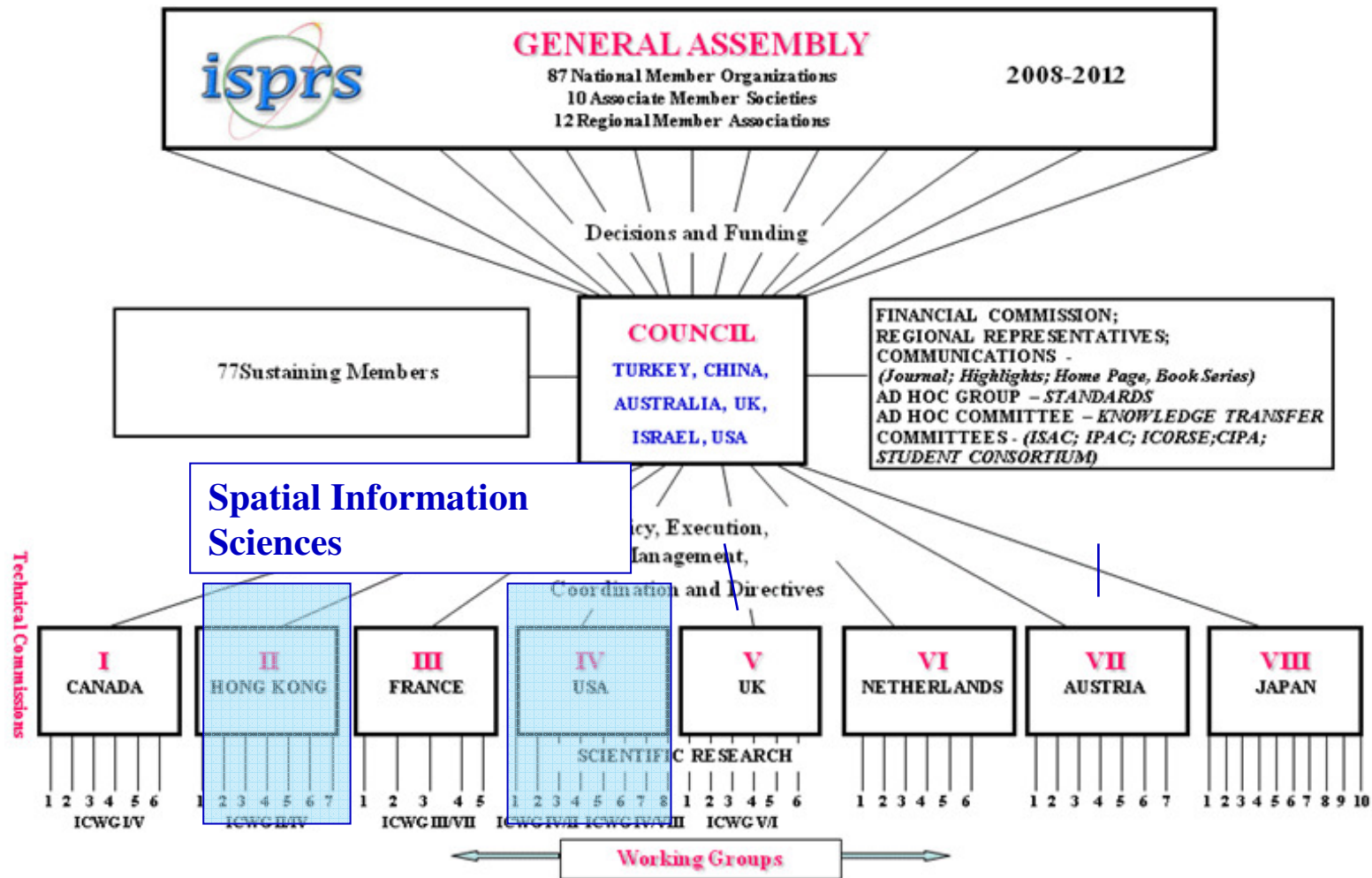
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Disaster Management in ISPRS



WG IV/8 - 3D Spatial Data Integration for Disaster Management and Environmental Monitoring

Home Page: <http://www.commission4.isprs.org/wg8>

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WG VIII/1 - Disaster Management

Home Page: www.commission8.isprs.org/wg1/

WG IV/8 Terms of Reference

- 3D data models (geometry, topology, sem ocean)
- 3D data structures, algorithms and standa
- 3D data models for management of geos
- Data models allowing for efficient 3D visu
- Analysis of 3D disaster management and

Chair	Co-Chair	Co-Chair	Secretary
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WG VIII/1 - Terms of Reference:

- Generation of vulnerability and hazard zone maps for different type of disasters, such as forest fire, cyclone, floods, drought, volcano eruptions, earthquakes, land slides etc. and identification & assessment of potential risk zones
- Integrate remotely sensed observations and communication strategies with enhanced predictive modelling capabilities for disaster detection, early warning, monitoring, and damage assessment
- Development of disaster management plans for pre, during and post disaster situations and enhance support for early warning systems, emergency events mitigation and decision making.
- Collaborate with GEO and take part in GEO task where appropriate



OUTREACH

- Geo-Information Sciences is an important tool for observing human induced and natural disasters.
- Scientific research and different applications show this is a very important tool
- BUT!!!
- How can we assure that the decision makers and governmental institutions realize this fact ???
- **How can we CONVINCe THEM?**

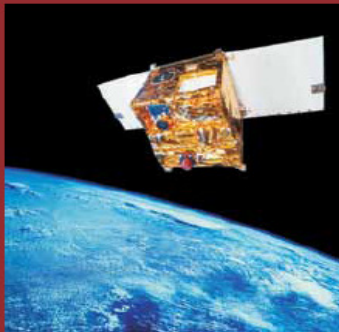


Joint Board of Geospatial Information Societies

United Nations Office for Outer Space Affairs

Geoinformation for Disaster and Risk Management

Examples and Best Practices





ISPRS Centenary

ISPRS centenary kick-starts with book launch

Vienna, Austria

Celebrations to mark the centenary of foundation of International Society for Photogrammetry and Remote Sensing (ISPRS) on 4 July, 1910 kicked off on 2 July with the launch of a booklet produced by the Joint Board of Geospatial Societies entitled "Geoinformation for Disaster and Risk Management; Examples and Best Practices." The venue was the United Nations Office of Outer Space Affairs (UN-OOSA) in the Vienna International Centre. The event was attended by a select group of diplomats, administrators and scientists and was followed by a press conference. Orhan Altan, President, ISPRS presided over the function.



Booklet Launch, 2nd of July Vienna



Gi4DM 2011

Geoinformation for Disaster Management

03–08 May 2011
Antalya/Turkey

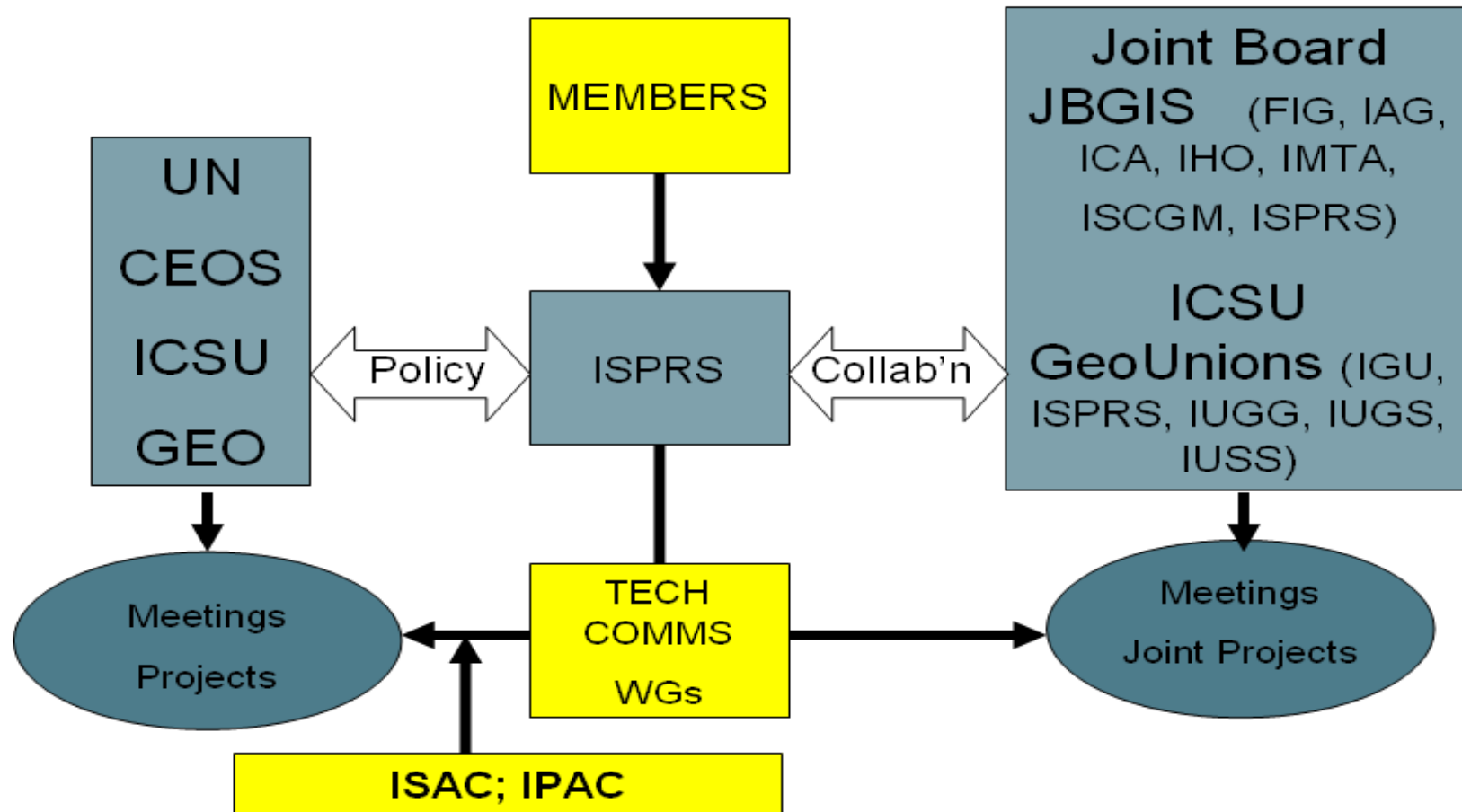


Gi4DM 2011





The Role of Societies





Joint Projects



Extreme Natural Hazards and Societal Implications (ENHANS)

- About ENHANS
- Showcasing
- Partners
- IRDR
- Funding
- Contact Us

Welcome to ENHANS

While we cannot prevent natural phenomena such as earthquake and cyclones, we can limit their consequences (*UN Global Assessment Report on Disaster Risk Reduction*, 17 May 2009).

Humans face natural hazards on different scales in time and space. Geological, hydrometeorological and geophysical hazards affect human life and health as well as having a dramatic impact on sustainable development of society. They are a pending danger for vulnerable lifelines and infrastructure such as water supply and reservoirs, pipelines, and power plants. Developed countries are affected, but the impact is disproportionate within the developing world. **Extreme natural events** can change the life and economic development of developing nations within minutes and throw them back for decades.

Our Sponsors:





Founder of ISPRS



Prof. Dolezal was a Professor for Practical Geometry in Vienna, Austria with a great love for photogrammetry. In 1910 he considered the time was right for worldwide cooperation of photogrammetrists. ISPRS was founded in Vienna on 4th July 1910 [TU Vienna]

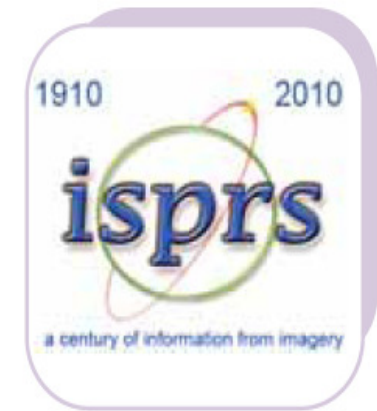


Reflections



ISPRS - Foundation celebrations

A century
of **excellence**



VIENNA



ISPRS Centenary



ISPRS Presidents

General Assembly, 4th of July



ISPRS Centenary



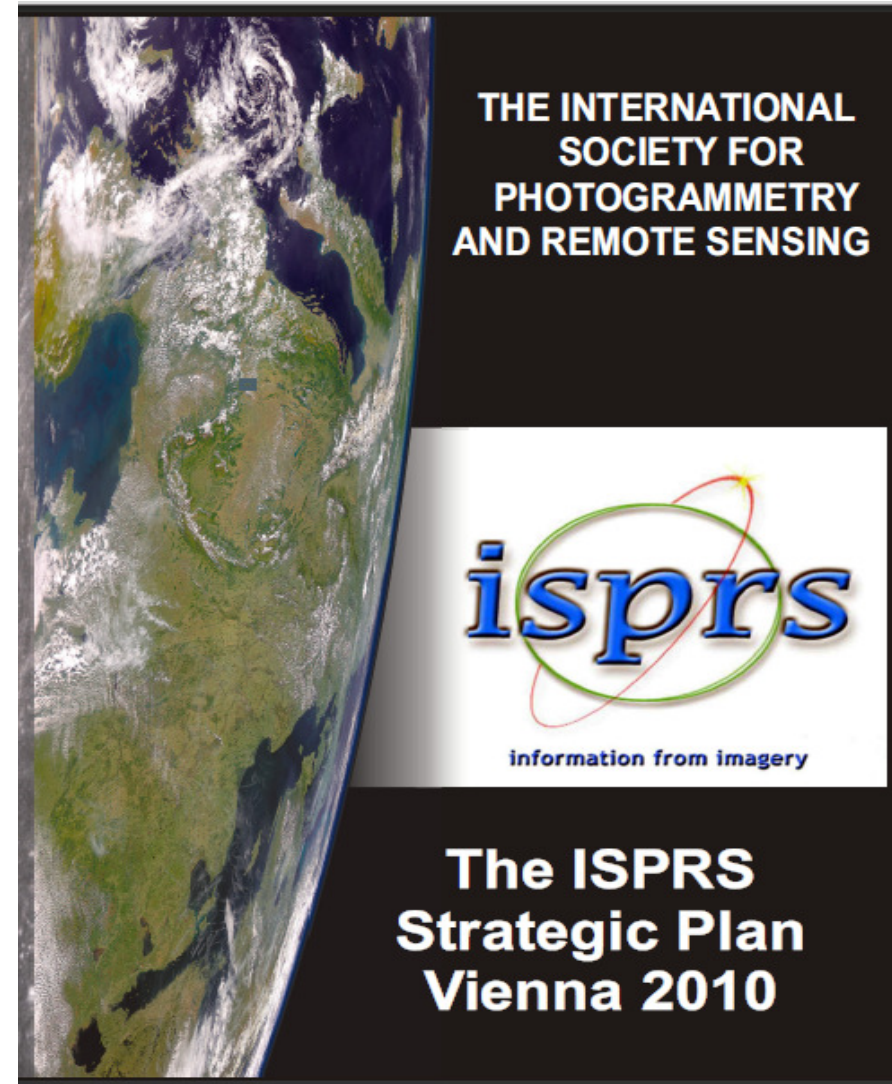
ISPRS Fellows
General Assembly, 4th of July



ISPRS Centenary



**General Assembly,
4th of July**

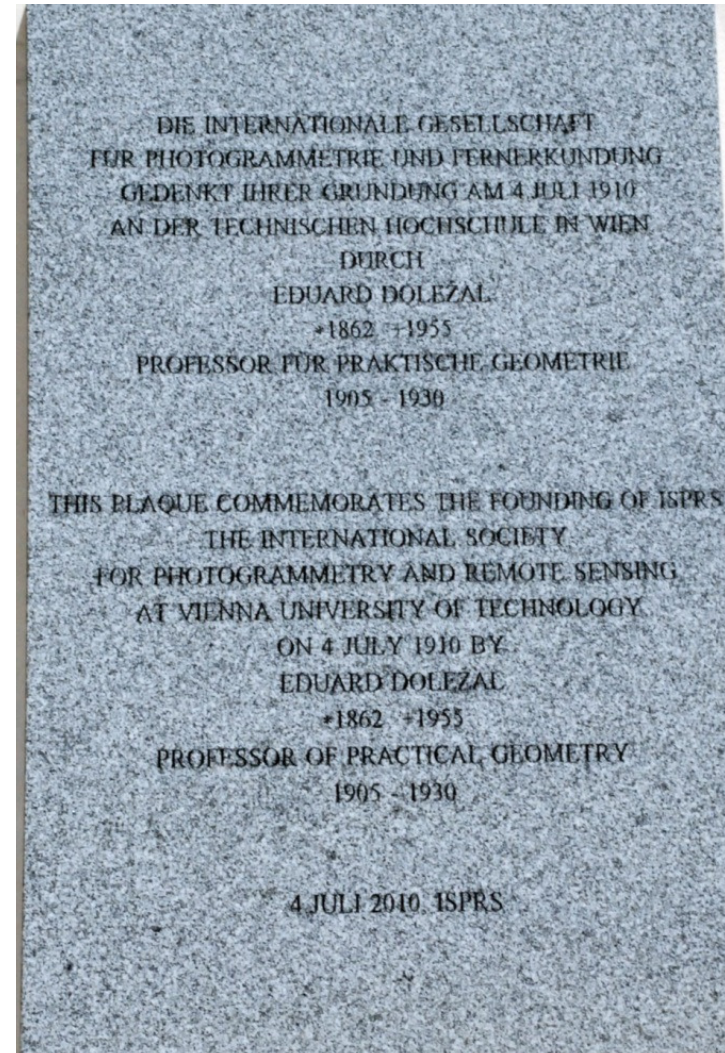




1910 2010



ISPRS Centenary



Unveiling of the ISPRS Foundation Plaque



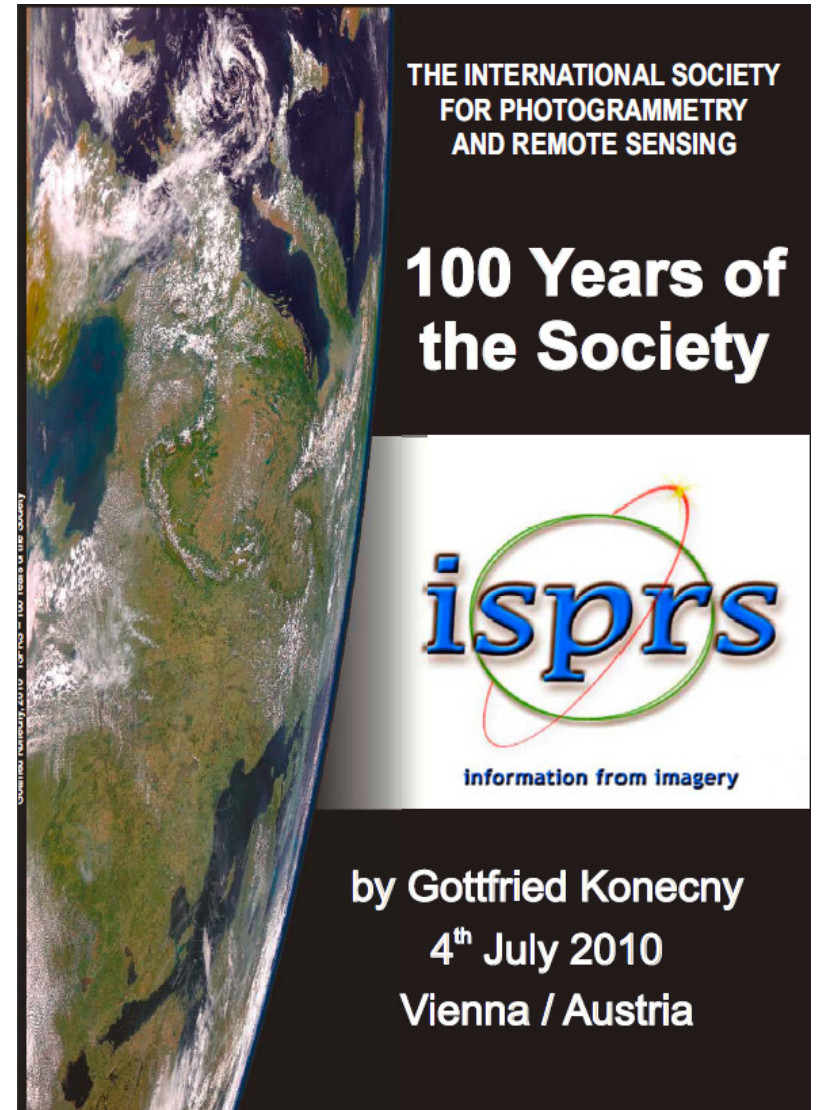
1910 2010



ISPRS Centenary



**Afternoon Lectures
4th of July**





ISPRS Centenary



History of ISPRS



Geolmagery - A New Paradigm



Future developments in ISPRS's areas of interest

**Afternoon Lectures
4th of July**



ISPRS Centenary



GALA DINNER 4th of July